



Substitute for form 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet ONE of THREE

 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete If Known	
		Application Number	09/509,433
		Filing Date	July 7, 2005
		First Named Inventor	Robin Walter Mills
		Art Unit	2885
		Examiner Name	I. Negron
Sheet	ONE	of	THREE
		Attorney Docket Number	
		MBM1420	

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>JPR</i>	5474449		1995-12-12	Loge et al.	
<i>JPR</i>	4822335		1989-04-18	Kawai et al.	
<i>JPR</i>	5169632		1992-12-08	Duell et al.	

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Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ , Number ⁴ – Kind Code ⁵ (if known)			
/IN/	1	DE 295 11 927 U1	1997-02-02	THERA Patent GmbH & Co.	
	2	EP 0 116 405 A1	1984-08-22	Co-Steel International Limited	
	3	EP 0 266 038 B1	1991-10-23	Kureha Kagaku Kogyo Kabushiki Kaisha	
	4	EP 0 320 080 B1	1993-08-04	Omega Universal Limited	
	5	EP 0 672 435 A1	1995-09-20	Amron Ltd.	
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	7	EP 0 755 662 A1	1997-01-29	THERA Patent GmbH & Co.	
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	9	CA 2 190 225	1997-06-23	Canada	
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	12	GB 2 329 756 A	1999-03-31	University of Bristol	
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/Ismael Negron/

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Sheet	TWO	of	THREE	Attorney Docket Number	MBM1420
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/IN/	30	WO 97/36552 A1	1997-10-09	Nulite Systems International Pty. Ltd.	
	31	WO 97/37722 A1	1997-10-16	Bagraev et al.	
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue Number(s), publisher, city and/or country where published.	T ²
/IN/	1	LumiLeds Lighting LLC, <u>Lumen Maintenance of White Luxeon™ Power Light Sources</u> , Application Brief AB07, LumiLeds Lighting, US LLC 2006	
	2	LumiLeds Lighting LLC, <u>Application Breif AB20-5, replaces AN1149-5, Secondary Optics Design Considerations for Super Flux LEDs</u> , Copyright© 2002 Lumileds Lighting, Publication No. AB20-5	
	3	BURGESS, JOHN et al., <u>An Evaluation of Four Light-curing Units Comparing Soft and Hard Curing</u> , Pract. Periodont. Aesthet. Dent. 11(1), 125-132, 1999	
	4	FELTZER, A.J. et al., <u>Influence of Light Intensity on Polymerization Shrinkage and Integrity of Restoration-cavity Interface</u> , Eur. J. Oral Sciences, 103, 322-326, 1995	
	5	KANCA, III, JOHN et al., <u>Pulse Activation:Reducing Resin-Based Composite Contraction Stresses at the Enamel Cavosurface Margins</u> , Am. J. of Dentistry, 12(3), 107-112, 1999	
	6	KATO, HIROMASA, <u>Relationship Between the Velocity of Polymerization and Adaption to Dentin Cavity Wall of Light-Cured Composite</u> , Dental Materials J. 6(1), 32-37, 1987	
	7	KORAN, PETER et al., <u>Effect of Sequential Versus Continuous Irradiation of a Light-Cured Resin Composite on Shrinkage, Viscosity, Adhesion, and Degree of Polymerization</u> , Am. J. of Dentistry, 11, No. 1, 17-22, 1998	
/IN/	8	MAYES, JOE H., <u>Curing Lights; An Overview</u> , Ormco, vol. 9, No. 2, 2000, pg. 15-17	

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Sheet THREE of THREE

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Examiner Name	I. Negron
Attorney Docket Number	MBM1420

/IN/	9	MEHL, A. et al., <u>Physical Properties and Gap Formation of Light-Cured Composites With and Without 'Softstart-Polymerization'</u> , J of Dentistry, 25, 321-330, 1997	
	10	SAKAGUCHI, RONALD L. et al., <u>Reduced Light Energy Density Decreases Post-Gel Contraction While Maintaining Degree of Conversion in Composites</u> , J. of Dentistry, 26, 695-700, 1998	
	11	SCHLAGER, KENNETH J., et al., <u>An LED-Array Light Source for Medical Therapy</u> , SPIE Vol. 1892, Medical Lasers and Systems II, p. 26-35, 1993	
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Examiner Signature	/Ismael Negron/	Date Considered	06/08/2007
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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